

# FISH & RICHARDSON P.C.

225 Franklin Street  
Boston, Massachusetts  
02110-2804

Telephone  
617 542-5070

Facsimile  
617 542-8906

Web Site  
www.fr.com

JC594 U.S. PTO  
09/312916

05/17/99

05/17/99  
16654 U.S. PTO  
09/312916  
Frederick P. Fish  
1855-1930  
W.K. Richardson  
1859-1951

May 17, 1999

Attorney Docket No.: 02103/347001

**Box Patent Application**  
Assistant Commissioner for Patents  
Washington, DC 20231

Presented for filing is a new original patent application of:

**Applicant:** WILLIAM A. ALLEN  
**Title:** AUDIO SIGNAL PROCESSING

Enclosed are the following papers, including those required to receive a filing date under 37 CFR §1.53(b):

|                      | <u>Pages</u> |
|----------------------|--------------|
| Specification        | 11           |
| Claims               | 10           |
| Abstract             | 1            |
| Unsigned Declaration | 1            |
| Drawing(s)           | 2            |

Enclosures:

• Postcard.

|   |            |
|---|------------|
| Basic filing fee                                | 760.00     |
| Total claims in excess of 20 times \$18.00      | 450.00     |
| Independent claims in excess of 3 times \$78.00 | 624.00     |
| Fee for multiple dependent claims               | 0.00       |
| Total filing fee:                               | \$ 1834.00 |

"EXPRESS MAIL" Mailing Label Number EL26644029005

Date of Deposit May 17, 1999  
I hereby certify under 37 CFR 1.10 that this correspondence is being deposited with the United States Postal Service as "Express Mail Post Office To Addressee" with sufficient postage on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Alison Brazil

Alison Brazil

BOSTON  
NEW YORK  
SILICON VALLEY  
SOUTHERN CALIFORNIA  
TWIN CITIES  
WASHINGTON, DC

FISH & RICHARDSON P.C.

May 17, 1999

Page 2

A check for the filing fee is enclosed. Please apply any other required fees or any credits to deposit account 06-1050, referencing the attorney docket number shown above.

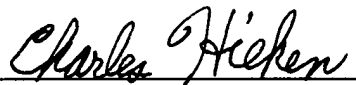
If this application is found to be incomplete, or if a telephone conference would otherwise be helpful, please call the undersigned at 617/542-5070.

Kindly acknowledge receipt of this application by returning the enclosed postcard.

Please send all correspondence to:

Charles Hieken  
Fish & Richardson P.C.  
225 Franklin Street  
Boston, MA 02110-2804

Respectfully submitted,

  
Charles Hieken  
Reg. No. 18,411

Enclosures

\cxh

347076.B11

664760 "CITIZEN"